

Part Number: 6002UE



Security & Sound, #12-4c, BC, CL2P

Product Description

Security & Sound Cable, Plenum-CL2P 4-12 AWG stranded bare copper conductors with Flamarrest® insulation, Flamarrest® jacket with ripcord

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
12	19x25	BC - Bare Copper	4

Conductor Count:	4
Conductor Size:	12 AWG

Insulation

Material	Material Trade Name	Nominal Wall Thickness
LS PVC - Low Smoke Polyvinyl Chloride	Flamarrest®	0.01 in

Color Chart

Color
Black
White
Red
Green

Outer Shield Material

Material
Unshielded

Outer Jacket Material

Material	Material Trade Name	Nominal Diameter	Nominal Wall Thickness	Ripcord
LS PVC - Low Smoke Polyvinyl Chloride	Flamarrest®	0.304 in	0.018 in	Yes

Construction and Dimensions

Cabling

Lay Length
5.25 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
1.6 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor
39 pF/ft

Shielding:	Unshielded
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Current

Max. Recommended Current [A]

9.6 Amps per conductor @ 25°C A

Voltage

UL Voltage Rating

150V RMS

Temperature Range

Operating Temp Range: 0°C To +75°C

Mechanical Characteristics

Bulk Cable Weight: 106 lbs/1000ft

Max Recommended Pulling Tension: 304 lbs

Min Bend Radius/Minor Axis: 3.1 in

Standards

NEC/(UL) Specification: CL2P

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV): Yes

EU Directive 2003/96/EC (BFR): Yes

EU Directive 2011/65/EU (ROHS II): Yes

EU Directive 2012/19/EU (WEEE): Yes

EU Directive Compliance: EU Directive 2003/11/EC (BFR)

EU CE Mark: Yes

EU RoHS Compliance Date (yyyy-mm-dd): 2005-04-01

CA Prop 65 (CJ for Wire & Cable): Yes

MII Order #39 (China RoHS): Yes

Flammability, LSOH, Toxicity Testing

UL Flammability: NFPA 262 Plenum Flame Test (UL910)

Plenum/Non-Plenum

Plenum (Y/N): Yes

Part Number

Non-Plenum Number: 5002UE

Variants

Item #	Color	Footnote
6002UE 8771000	NATURAL	C

Footnote: C - CRATE REEL PUT-UP.

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